

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: Mikio KATSUBE, et al

Serial No.: 09/066,168

Filing Date: April 24, 1998

For: Permselective Membrane Module

O I P E

JUN 14 1999

Art Unit : 1723

Examiner : A. Fortuna

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Commissioner of Patents and Trademarks
Washington D.C. 20231

AMENDMENT AND REPLY

Sir:

This is in response to the Office Action mailed March 15, 1999. Accordingly, this response is due on or before Tuesday, June 15, 1999.

Please amend the subject application as follows.

In the Claims

Please amend claim 1 as follows.

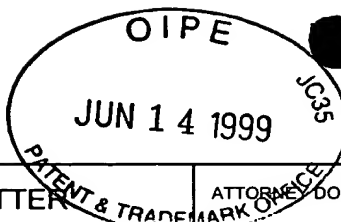
Claim 1 (Amended). A permselective membrane module comprising i) two permselective membrane elements formed of hollow fibers arranged substantially in parallel and bundled together and ii) a container, the two elements being arranged in the container longitudinally of the hollow fibers,

wherein the respective elements comprise i) a feed tube disposed longitudinally of the hollow fibers and ii) a hollow fiber bundle covering the outer surface of the feed tube, the feed tube having a number of holes therein, and the hollow fibers having one end closed and the other end opened,

wherein the feed tubes of the two elements communicate with each other via a connecting tube to form a conduit having one end opened and the other end closed, and

wherein the container comprises i) an inner wall surrounding the two elements with a space, ii) a feed port provided at one end of the container in communication with the opened end of the conduit, iii) a permeate-liquid outlet facing the open end of the hollow fiber bundle of each element and extending through the container wall, and iv) a non-permeated fluid discharge outlet [communicating with the gap between the container and the outer surface of

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AMENDMENT TRANSMITTAL LETTER			ATTORNEY DOCKET 10089/4																																												
SERIAL NUMBER 09/066,168	FILING DATE April 24 1998	EXAMINER A. Fortuna	ART UNIT 1723																																												
INVENTION TITLE Permselective Membrane Module		APPLICANT Mikio KATSUBE, et al.																																													
<p>Commissioner of Patents and Trademarks Washington, DC 20231</p> <p>Transmitted herewith is an <u>Amendment</u> in the above-identified application.</p> <p>The filing fee has been calculated as shown below:</p> <table border="1"><thead><tr><th></th><th>CLAIMS AFTER AMENDMENT</th><th></th><th>MOST CLAIMS PAID FOR</th><th>EXTRA</th><th>RATE (\$)</th><th>FEE (\$)</th></tr></thead><tbody><tr><td>TOTAL CLAIMS</td><td>4</td><td>minus</td><td>20</td><td>- 0 -</td><td>18.00</td><td></td></tr><tr><td>INDEPENDENT CLAIMS</td><td>2</td><td>minus</td><td>3</td><td>- 0 -</td><td>78.00</td><td></td></tr><tr><td>MULTIPLE DEPENDENT CLAIM</td><td colspan="4"></td><td>260.00</td><td></td></tr><tr><td colspan="5"></td><td>TOTAL</td><td>- 0 -</td></tr><tr><td colspan="5">If applicant is a small entity under 37 C.F.R. §1.9 and §1.27, then divide total fee by 2, and enter amount here.</td><td>SMALL ENTITY TOTAL</td><td></td></tr></tbody></table>							CLAIMS AFTER AMENDMENT		MOST CLAIMS PAID FOR	EXTRA	RATE (\$)	FEE (\$)	TOTAL CLAIMS	4	minus	20	- 0 -	18.00		INDEPENDENT CLAIMS	2	minus	3	- 0 -	78.00		MULTIPLE DEPENDENT CLAIM					260.00							TOTAL	- 0 -	If applicant is a small entity under 37 C.F.R. §1.9 and §1.27, then divide total fee by 2, and enter amount here.					SMALL ENTITY TOTAL	
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The Commissioner is hereby authorized to charge for underpayment, or credit for overpayment, Kenyon & Kenyon's **Deposit Account No. 11-0600** for:

- Any additional filing fees required under 37 C.F.R. § 1.16.
- Any patent application processing fees under 37 C.F.R. § 1.17.

A duplicate of this sheet is attached.

Date:

June 14, 1999

By:

J. Toffenetti

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